AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1 to 14. (Canceled).

15. (Previously Presented) A process for controlling a use of a satellite transmission capacity in order to achieve a substitution of out-of-order data lines in terrestrial networks such that an alternative routing via a satellite is initiated and monitored and an assignment is effected with respect to the alternative routing, the process comprising the steps of:

causing a plurality of controllers controlled by software and respectively allocated to one of a master terminal and a slave terminal to achieve a control that is automatic, decentralized, and local;

causing the plurality of controllers to detect a need for the alternative routing based on an analysis of a data control signal from a data transmission device of a user;

using a control software to monitor locally and automatically an occupancy state of the satellite transmission capacity; and

carrying out software-controlled alternative routing operations via a respective one of the plurality of controllers.

16. (Previously Presented) The process according to claim 15, wherein:

the control software is stored in a respective one of the plurality of controllers,

components of a respective one of the master terminal and the slave terminal are controlled and monitored in a waiting state in the case of the alternative routing, and

the stored control software reacts to control signals of a customer data device without influencing customer data of the customer data device.

17. (Previously Presented) The process according to claim 15, wherein:

an automatic and decentralized control of the use of the satellite transmission capacity for the substitution of the out-of-order lines in the terrestrial networks and the alternative routing via a second transmission medium, including an automatic monitoring of capacity use, are effected via the control software,

the occupancy state of the satellite transmission capacity is monitored locally, and

a failure of a terrestrial call connection is detected locally.

18. (Previously Presented) The process according to claim 15, further comprising the steps of:

using a passive hub to collect connection data and preconfigure the master terminal and the slave terminal during an initial installation;

if a change in a network layout occurs, connecting the passive hub to the master terminal and the slave terminal via one of a telephone-modem link, an ISDN connection, a GSM connection with modem, and a satellite connection within an available network capacity.

19. (Previously Presented) The process according to claim 15, further comprising the step of:

synchronizing each one of the master terminal and the slave terminal by integrating a DCF77 receiver in each one of the master terminal and the slave terminal, wherein a standard time is used as a system time for performing a clocking.

20. (Previously Presented) The process according to claim 15 further comprising the steps of:

switching on a transmitter carrier of an affected satellite modem;

receiving the transmitter carrier by each non-affected network terminal; and

using a transmission capacity of an asynchronous overhead of the satellite modem to transmit destination addresses, wherein a free-running alternative routing via a different medium is available when a terrestrial transmission path is out of order.

21. (Previously Presented) A circuit arrangement for implementing a process that controls a use of a satellite transmission capacity in order to achieve a substitution of out-of-order data lines in terrestrial networks such that an alternative routing via a satellite is initiated and monitored and an assignment is effected with respect to the alternative routing, the circuit arrangement comprising:

a plurality of backup terminals, each one of the backup terminals corresponding to one of a master terminal and a slave terminal and each one of the backup terminals including:

an antenna,

a carrier, and

a satellite, wherein:

each one of the backup terminals is connected to a corresponding one of a plurality of satellite modems in order to achieve an automatic switchover to free transmission satellite channels when the alternative routing of at least one of the terrestrial networks occurs,

each one of the backup terminals is provided with a corresponding one of a plurality of independent, software-controlled, decentrally disposed, local, and intelligent control units,

each one of the control units is allocated a corresponding one of a plurality of other modems,

each one of the plurality of control units is connected to a corresponding one of a plurality of routers, and

each one of the plurality of routers is capable of being connected to customer devices, customer terminals, and to communication lines.

22. (Previously Presented) The circuit arrangement according to claim 21, further comprising:

a hub connected via one of the plurality of other modems to the at least one of the terrestrial networks, wherein the hub is equipped with software for communicating via a terrestrial connection with the plurality of control units, and wherein the plurality of control units and the hub are each provided with a respective addressing system.

23. (Previously Presented) The circuit arrangement according to claim 22, wherein:

the hub registers a use of a plurality of transmission pools,

the hub includes information about individual transmission channels and about an assignment of each one of the individual transmission channels to a respective one of the plurality of transmission pools,

in the case of a fault, the plurality of control units transmits modem parameters to the hub to achieve an initial fault location, and

a carrier pool is equipped with a plurality of satellite transmission channels of a defined data rate.

24. (Previously Presented) The circuit arrangement according to claim 23, wherein:

the individual transmission channels are used according to a first come, first served basis,

one of a reserving and a prioritization of the individual transmission channels is achieved,

the transmission pools are monitored according to a centralized online monitoring of a pool use, and

all connections to be alternatively routed are symmetrical duplex channels with identical data rates in a send direction and a receive direction.

25. (Previously Presented) The circuit arrangement according to claim 23, wherein the individual transmission channels are combined into channel pairs having mid-frequencies.

26. (Previously Presented) The circuit arrangement according to claim 22, wherein:

each one of the plurality of control units are connected via a communication line to a corresponding one of the plurality of satellite modems and to a plurality of control lines,

each one of the plurality of satellite modems is in communication with a corresponding satellite antenna of each backup terminal, and

the antenna of one of the plurality of backup terminals communicates with the antenna of another one of the plurality of backup terminals via defined carrier frequencies of the satellite.

27. (Previously Presented) The circuit arrangement according to claim 22, wherein:

each one of the satellite modems and an associated one of the control units are arranged as an internal unit,

one of the plurality of backup terminals is arranged as a satellite external unit that includes the antenna, the carrier, the satellite, and a connection to an associated internal unit, and

a connection is made between the control unit of each of the internal units and the at least one of the terrestrial networks.

28 (Previously Presented) The circuit arrangement according to claim 22, wherein:

the hub includes a personal computer that is connected via an interface card to the at least one of the terrestrial networks, the hub is connected to other networks in order to forward connection data relating to at least one of a tariffing operation and an invoicing operation.